



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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DA No. 16-314

Report No. SAT-01145

Friday March 25, 2016

Policy Branch Information

Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

SAT-LOA-20151123-00078 E S2946 Spire Global, Inc.
Launch and Operating Authority
Granted in Part/ Deferred in Part

Effective Date: 03/18/2016

Nature of Service: Earth Exploration Satellite Service, Other

On March 18, 2016, the Satellite Division granted in part and deferred in part, with conditions, the application of Spire Global, Inc. for authority to construct, deploy, and operate a constellation of up to 175 technically identical non-geostationary satellites. Specifically, Spire was authorized to construct nine technically identical satellites with transmitting equipment in the 2020-2025 MHz frequency band, and transmitting and receiving equipment in the 402-403 MHz band, to deploy the satellites at orbital altitudes at or below 435 km, either from the International Space Station (ISS) at 51.6 degrees inclination, or from the Cygnus cargo capsule when sufficiently separated from the ISS, and to conduct maritime monitoring, meteorological monitoring and earth imaging operations using the 2020-2025 MHz frequency band (space-to-Earth) and the 402-403 MHz frequency band (Earth-to-space and space-to-Earth, for telemetry, tracking and command functions). Spire was also authorized to operate an emergency back-up downlink in the 402-403 MHz frequency band. In addition, these nine satellites will also receive Automatic Identification System (AIS) signals centered at 161.975 MHz and 162.025 frequency bands, and GPS signals centered at 1575.42 MHz and 1227.60 MHz. Action was deferred on the remainder of Spire's application.

INFORMATIVE

SAT-LOA-20151123-00078 S2946 Spire Global, Inc.

On March 22, 2014, the Satellite Division designated the above-captioned proceeding as "permit-but-disclose" for purposes of the Commission's rules governing ex parte communications. We find that designating this proceeding as "permit-but-disclose" will facilitate communications with the parties. Thus, we designate IBFS File No. SAT-LOA-21051123-0078 as "permit-but-disclose," effective March 22, 2016. See 47 C.F.R. §§ 1.1200(a), 1.1206 and 1.1208 note 2.

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 1-888-835-5322.